

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3153	703/2.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/07 14:28

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	96	(film adj blow\$3) and transient	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/08 11:07
L4	1	ptt and (transient adj solution)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/08 11:24
L7	1	ptt and phan and transient and film	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/08 11:25



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

"transient solutions of the dynamics in film blowing processes"

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar Results 1 - 8 of 8 for "transient solutions of the dynamics in film blowing processes". (0.05 sec)

Tip: Try removing quotes from your search to get more results.

Transient solutions of the dynamics in film blowing processes- ► [korea.ac.kr](#) [PDF]

JC Hyun, H Kim, JS Lee, HS Song, HW Jung - Journal of Non-Newtonian Fluid Mechanics, 2004 - Elsevier
... Elsevier BV All rights reserved. **Transient solutions of the dynamics in film**

blowing processes. Jae Chun Hyun a , Corresponding Author ...

[Cited by 8](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

Transient solutions of the dynamics in low-speed fiber spinning process accompanied by flow-induced ...

JS Lee, DM Shin, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2005 - Elsevier

[Cited by 8](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Transient solutions of the dynamics of film casting process using a 2-D viscoelastic model

JM Kim, JS Lee, DM Shin, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2005 - Elsevier

[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [All 6 versions](#)

Multiplicity, bifurcation, stability and hysteresis in dynamic solutions of film blowing process

DM Shin, JS Lee, HW Jung, JC Hyun - Journal of Rheology, 2007 - [link.aip.org](#)

... HyunJ.C., H.Kim, JSLee, HSSong, and HWJung, "Transient solutions of the dynamics in film blowing processes," J. Non-Newtonian Fluid Mech. ...

[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

Fiber spinning and film blowing instabilities

HW Jung, JC Hyun - Polymer Processing Instabilities: Control and Understanding, 2005 - [books.google.com](#)

Page 334. 1 1 Fiber Spinning and Film Blowing Instabilities Hyun Wook Jung

and Jae Chun Hyun Korea University, Seoul, South Korea ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#)

Existence of optimal cooling conditions in the film blowing process

JS Lee, DM Shin, HS Song, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2006 - Elsevier

... [JC Hyun, H. Kim, JS Lee, H.-S. Song, HW Jung, **Transient solutions of the dynamics in film blowing processes**, J. Non-Newtonian Fluid Mech., 121 (2004) 157–162 ...

[Related articles](#) - [Web Search](#) - [All 3 versions](#)

[PDF] ► **Intriguing nonlinear dynamic and stability characteristics of film blowing process and the**

...

SK Seoul - [nt.ntnu.no](#)

... 5. Hyun, JC, H. Kim, JS Lee, H.-S. Song, and HW Jung, "Transient solutions of the dynamics in film blowing processes," J. Non-Newtonian Fluid Mech., 121 ...

[Related articles](#) - [View as HTML](#) - [Web Search](#)

A timestepper approach for the systematic bifurcation and stability analysis of polymer extrusion ... - ► [arxiv.org](#) [PDF]

ME Kavousanakis, L Russo, CI Siettos, AG Boudouvis ... - Journal of Non-Newtonian Fluid Mechanics, 2008 - Elsevier

... 2. JC Hyun, H. Kim, S. Lee, H.-S. Song, HW Jung, **Transient solutions of the dynamics in film blowing processes**, J. Non-Newtonian Fluid Mech. ...

Cited by 1 - Related articles - Web Search - All 7 versions

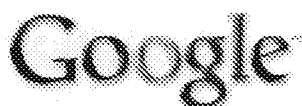
Key authors: [J Hyun](#) - [J Lee](#) - [H Jung](#) - [D Shin](#) - [H Song](#)

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2009 Google

Web Images Maps News Video Gmail more ▾

Sign in



transient solutions "film blowing"

Search

Advanced Search
Preferences

Web

Results 1 - 10 of about 1,620 for **transient solutions "film blowing"**. (0.34 seconds)

Transient solutions of the dynamics in film blowing processes

The **transient** behavior and stability of **film blowing** have been investigated solving the governing equations consisting of the moving-boundary partial ...

cat.inist.fr/?aModele=afficheN&cpsidt=16031982 - Similar pages

by JAEC HYUN - 2004 - Cited by 8 - Related articles - All 5 versions

Existence of optimal cooling conditions in the film blowing process

The same simulation model of **film blowing** of Hyun et al. [J.C. Hyun, H. Kim, J.S. Lee, H.-S. Song, H.W. Jung, **Transient solutions** of the dynamics in film ...

cat.inist.fr/?aModele=afficheN&cpsidt=18146772 - Similar pages

by JOOS LEE - 2006 - Related articles - All 3 versions

More results from cat.inist.fr »

Method for solving transient solution and dynamics in film blowing ...

The present invention concerns the dynamics and yielding of **transient solutions** for the **film-blowing** process. After solving the governing equations that ...

www.freshpatents.com/Method-for-solving-transient-solution-and-dynamics-in-film-

blowing-process-dt20070802ptan2007017... - 39k - Cached - Similar pages

Journal of Non-Newtonian Fluid Mechanics : Transient solutions of ...

Transient solutions of the dynamics in **film blowing** processes The utility of these **transient solutions** of **film blowing** process is rather far-reaching ...

linkinghub.elsevier.com/retrieve/pii/S0377025704001570 - Similar pages

by JC Hyun - 2004 - Cited by 8 - Related articles

Journal of Non-Newtonian Fluid Mechanics : Transient solutions of ...

[15] J.C. Hyun, H. Kim, J.S. Lee, H.-S. Song and H.W. Jung, **Transient solutions** of the dynamics in **film blowing** processes, J. Non-Newtonian Fluid Mech. ...

linkinghub.elsevier.com/retrieve/pii/S037702570500176X - Similar pages

by JS Lee - 2005 - Cited by 8 - Related articles

More results from linkinghub.elsevier.com »

Transient Solutions of Nonlinear Dynamics in Film Blowing ...

Transient solutions of the dynamics in **film blowing** have been obtained showing close agreement with the experimental results of polymers including LDPE. ...

adsabs.harvard.edu/abs/2008AIPC.1027....3H - Similar pages

by JC Hyun - 2008 - All 4 versions

Transient Solutions of Nonlinear Dynamics in Film Blowing ...

The nonlinear dynamics in **film blowing** process is simulated employing the governing equations of the system that include the flow-induced crystallization ...

link.aip.org/link/APCPCS/1027/3/1 - Similar pages

by JC Hyun - 2008

Transient solutions of dynamics in fiber spinning and film casting ...

transient solutions of the processes accompanied by flow-induced crystallization lies in, ... (e.g., fiber spinning, film casting and **film blowing**) has ...

www.springerlink.com/index/CUKUK64M28814VT8.pdf - Similar pages

by JS Lee - 2007 - Related articles

Professor Jae Chun Hyun

Nov 15, 2008 ... **"Transient Solutions** of the Dynamics in **Film Blowing** Processes," ... and hysteresis in dynamic **solutions** of **film blowing** process. ...
grtrkr.korea.ac.kr/jchyun/ - 30k - [Cached](#) - [Similar pages](#)

Intriguing Nonlinear Dynamic and Stability Characteristics of Film ...

(2004) have successfully obtained for the first time the **transient solutions** of the dynamics using newly-devised mathematical/numerical schemes which employ ...
aiche.confex.com/aiche/2008/techprogram/P119437.HTM - 4k - [Cached](#) - [Similar pages](#)
by JC Hyun - 2008 - All 2 versions

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

[Search within results](#) - [Language Tools](#) - [Search Help](#) - [Dissatisfied? Help us improve](#) -
[Try Google Experimental](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Privacy](#) - [About Google](#)



Web Images Video News Maps [more »](#)

-

Ad
Sc
Sc

The following words are very common and were not included in your search: of the in.

Scholar All articles - **Recent articles** Results 1 - 10 of about 1,680 for **transient solutions of the dy**

Transient solutions of the dynamics in film blowing processes- ▶ korea.ac.kr [PDF]

JC Hyun, H Kim, JS Lee, HS Song, HW Jung - Journal of Non-Newtonian Fluid Mechanics, 2004 - Elsevier
... Elsevier BV All rights reserved. **Transient solutions of the dynamics in film blowing processes.** Jae Chun Hyun a , Corresponding Author ...

Cited by 8 - Related articles - Web Search - All 5 versions

Transient solutions of the dynamics in low-speed fiber spinning process accompanied by flow-induced

JS Lee, DM Shin, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2005 - Elsevier
... addressed this problem, ie, obtaining **transient solutions** when flow ... as film casting [19] and **film blowing** [20] and ... role in shaping their **dynamics** of extensional ...

Cited by 8 - Related articles - Web Search - All 4 versions

[PDF] ▶ Frequency response of film casting process

JS Lee, HW Jung, JC Hyun - Korea-Australia Rheology Journal, 2003 - rheology.or.kr
... (2002). The nonlinear **dynamics** of film casting along with its **transient solutions** was studied by Lee et al. (2001). ...

Cited by 11 - Related articles - View as HTML - Web Search - All 7 versions

Transient solutions of the dynamics of film casting process using a 2-D viscoelastic model

JM Kim, JS Lee, DM Shin, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2005 - Elsevier
... still remains the need for **transient solutions** of viscoelastic ... In this study, the nonlinear **dynamics** and stability of the 2-D film casting process ...

Cited by 3 - Related articles - Web Search - All 6 versions

Simulation of film blowing including flow-induced crystallization

AK Doufas, AJ McHugh - Journal of Rheology, 2001 - link.aip.org
... effect of crystallization on the **process dynamics** and rheological ... to multiple steady-state **solutions** that avoid ... ideally be determined from **transient** and steady ...

Cited by 17 - Related articles - Web Search - BL Direct - All 2 versions

Computer simulation of the film blowing process incorporating crystallization and viscoelasticity

IA Musiet, MR Kamal - Journal of Rheology, 2004 - link.aip.org
... Kanai, T., and J. White, "**Dynamics**, heat transfer, and ... for Polymer Melts and **Solutions** (Butterworths, Boston ... and G. Field, "**Transient** elongational viscosity ...

Cited by 6 - Related articles - Web Search - Library Search - BL Direct - All 5 versions

[PDF] ▶ Sensitivity analysis of melt spinning process by frequency response

HW Jung, JS Lee, JC Hyun - Korea-Australia Rheology Journal, 2002 - infosys.korea.ac.kr
... the amplitude and phase lag of **solutions** relative to ... that from the nonlinear dynamic **transient** simulation, the ... and JC Hyun, 2000, Melt spinning **dynamics** of Phan ...

Cited by 6 - Related articles - View as HTML - Web Search - All 10 versions

[PDF] ▶ Analysis of the effect of flow-induced crystallization on the stability of low-speed

DM Shin, JS Lee, HW Jung, JC Hyun - Korea-Australia Rheology Journal, 2005 - cfel.korea.ac.kr
... spinning, **film casting**, and tubular **film blowing** have been ... salient example is the
nonlinear **dynamics** and stability ... first time solved the **transient** responses of ...
Cited by 3 - Related articles - View as HTML - Web Search - All 9 versions

LT Nguyen, V Balakotaiah - Physics of Fluids, 2000 - link.aip.org
... the asymptotic **solutions** by dropping the **transient** part ... wave coordinate is that the **solutions** usually diverge ... study these changes in the flow **dynamics**, we rely ...
Cited by 35 - Related articles - Web Search - BL Direct - All 2 versions

L Chen, PG Debenedetti, CW Gear, IG Kevrekidis - Journal of Non-Newtonian Fluid Mechanics, 2004 - Elsevier ... view of our illustrative example using molecular **dynamics** below, we ... (For clarity, the **solution** is shown ... rescaling, and one only sees the **transient** approach to ...
Cited by 22 - Related articles - Web Search - All 4 versions

Googoooooooogooe ►

transient solutions of the dynamics in Search

©2009 Google


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar [All articles](#) - [Recent articles](#) Results 1 - 10 of about 289 for **transient solutions "film blowi**

Transient solutions of the dynamics in film blowing processes- ► [korea.ac.kr](#) [PDF]

JC Hyun, H Kim, JS Lee, HS Song, HW Jung - Journal of Non-Newtonian Fluid Mechanics, 2004 - Elsevier

... The utility of these **transient solutions** of **film blowing** process is rather far-reaching in both analysis and synthesis of the system: first, it enables us to ...

Cited by 8 - Related articles - Web Search - All 5 versions

Multiplicities and instabilities in film blowing

JJ Cain, MM Denn - Polymer Engineering & Science, 1988 - interscience.wiley.com

... equations in regions where **solutions** are attain ... most extensive available data on **film blowing** appear to ... oscillatory shear, and uniaxial **transient** elongation (1 5 ...

Cited by 39 - Related articles - Web Search - All 2 versions

Transient elongational viscosities and drawability of polymer melts

HM Laun, H Schuch - Journal of Rheology, 1989 - link.aip.org

... **Transient** elongational viscosities of polyethylene melts ... minimum film thickness) in tubular **film blowing**. ... Homogeneous isotropic liquids; **solutions** and melts. ...

Cited by 138 - Related articles - Web Search - All 3 versions

Transient solutions of the dynamics in low-speed fiber spinning process accompanied by flow-induced ...

JS Lee, DM Shin, HW Jung, JC Hyun - Journal of Non-Newtonian Fluid Mechanics, 2005 - Elsevier

... We have thus addressed this problem, ie, obtaining **transient solutions** when flow ... processing operations such as film casting [19] and **film blowing** [20] and [21 ...

Cited by 8 - Related articles - Web Search - All 4 versions

Study of instabilities in film blowing

A Ghaneh-Fard, PJ Carreau, PG Lafleur - AIChE Journal, 1996 - interscience.wiley.com

... 0.13 0.14 0.15 0.16 0.17 0.18 Flow Rate of Cooling Air, m/s Figure 8. Multiple and nonexistent **solutions** in **film blowing** of LDPE at TUR = 10.8 and BUR = 4.0. ...

Cited by 23 - Related articles - Web Search - BL Direct - All 3 versions

[PDF] ► **Frequency response of film casting process**

JS Lee, HW Jung, JC Hyun - Korea-Australia Rheology Journal, 2003 - rheology.or.kr

... other extensional deformation processes as well like fiber spinning and **film blowing**. ... while for more detailed sensitivity anal- ysis **transient solutions** of the ...

Cited by 11 - Related articles - View as HTML - Web Search - All 7 versions

Multiplicity, bifurcation, stability and hysteresis in dynamic solutions of film blowing process

DM Shin, JS Lee, HW Jung, JC Hyun - Journal of Rheology, 2007 - link.aip.org

... HyunJ.C., H.Kim, JSLee, HSSong, and HWJung, "**Transient solutions** of the dynamics in **film blowing** processes," J. Non-Newtonian Fluid Mech. ...

Cited by 3 - Related articles - Web Search - BL Direct - All 2 versions

Stability of isothermal spinning of viscoelastic fluids- ► [korea.ac.kr](#) [PDF]

HW Jung, JC Hyun - Korean Journal of Chemical Engineering, 1999 - Springer

... fact that other polymer processing like film casting and **film blowing**, where extensional ... In other words, without having to obtain **transient solutions** of the ...

[Cited by 9](#) - [Related articles](#) - [Web Search](#) - [All 8 versions](#)

[book] Polymer processing: principles and design

DG Baird, DI Collias - 1995 - Butterworth-Heinemann

[Cited by 95](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [All 3 versions](#)

Simulation of film blowing including flow-induced crystallization

AK Doufas, AJ McHugh - Journal of Rheology, 2001 - link.aip.org

... ideally be determined from **transient** and steady ... the model and discussion of **solutions**,"

J. Fluid ... Petrie, CJS, "**Film blowing**, blow moulding and thermoforming ...

[Cited by 17](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

Key authors: [J Hyun](#) - [H Jung](#) - [J Lee](#) - [D Shin](#) - [J Cain](#)

Google

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

transient solutions "film blowing"

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2009 Google